

Figure 2 (FER-140). Faults and Special Studies Zones of the Sears Point and Petaluma River 7.5-minute quadrangles (CDMG, 1976), showing sources of data for the Tolay fault. Annotations in lower case letters are from Armstrong(1974); annotations in upper case letters are photo and field interpretations of Hart(this FER). Photos interpreted are USDA (1952-1953), Sonoma Co. (1971), USGS (1973).

MAP EXPLANATION

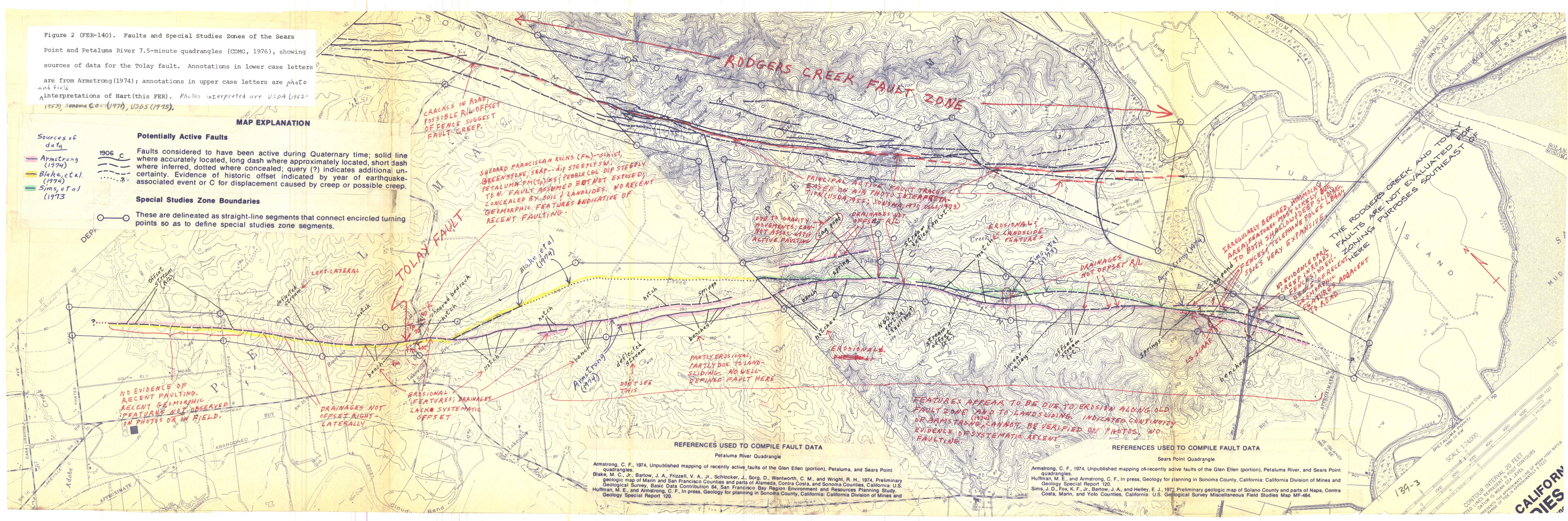
- Sources of data

  - Armstrong (1974)
  - Blake, et al. (1974)
  - Sims, et al. (1973)
- Potentially Active Faults

1906 C

Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.
- Special Studies Zone Boundaries

These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.



REFERENCES USED TO COMPILE FAULT DATA

Petaluma River Quadrangle

Armstrong, C. F., 1974, Unpublished mapping of recently active faults of the Glen Ellen (portion), Petaluma, and Sears Point quadrangles.

Blake, M. C., Jr., Bartow, J. A., Frizzell, V. A., Jr., Schlocker, J., Sorg, D., Wentworth, C. M., and Wright, R. H., 1974, Preliminary geologic map of Marin and San Francisco Counties and parts of Alameda, Contra Costa, and Sonoma Counties, California: U.S. Geological Survey, Basic Data Contribution 64, San Francisco Bay Region Environment and Resources Planning Study.

Huffman, M. E., and Armstrong, C. F., in press, Geology for planning in Sonoma County, California: California Division of Mines and Geology Special Report 120.

REFERENCES USED TO COMPILE FAULT DATA

Sears Point Quadrangle

Armstrong, C. F., 1974, Unpublished mapping of recently active faults of the Glen Ellen (portion), Petaluma River, and Sears Point quadrangles.

Huffman, M. E., and Armstrong, C. F., in press, Geology for planning in Sonoma County, California: California Division of Mines and Geology Special Report 120.

Sims, J. D., Fox, K. F., Jr., Bartow, J. A., and Helley, E. J., 1973, Preliminary geologic map of Solano County and parts of Napa, Contra Costa, Marin, and Yolo Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-484.